



3/3

FIG. 3

	MOLE NUMBER OF PHOSPHORIC ACID PER REPEATING UNIT OF PBI IN MEMBRANE	MOLE NUMBER OF IMIDAZOLE PER GRAM OF PBI (mol/g)	PROTON CONDUCTIVITY (S/cm)	RATIO OF IMPROVEMENT IN PROTON CONDUCTIVITY (%)
COMPARATIVE EXAMPLE	12. 9	0	0. 100	-
EXAMPLE 1	12. 7	0. 00012	0. 127	27
EXAMPLE 2	12. 9	0. 00025	0. 133	33
EXAMPLE 3	12. 9	0. 00051	0. 113	13